

Table D-3. Idaho National Laboratory

ICSBEP FIVE-YEAR PLAN IDAHO NATIONAL LABORATORY	
<i>IDENTIFIER</i>	<i>DRAFT TITLE</i>
<i>FY-2006</i>	
HEU-MET-FAST-076	Uranium Metal Annuli and Cylinders with thick Polyethylene Reflectors and/or Internal Polyethylene Moderator
U233-COMP-THERM-002	LWBR ²³³ UO ₂ -ThO ₂ Detailed Cell Experiments -- Work For Others
Fundamental Physics Benchmark	NIST Water Spheres
<i>FY-2007</i>	
HEU-COMP-THERM-019	Critical Experiments with BORAX-V Superheater Fuel Assemblies
U233-COMP-THERM-003	LWBR ²³³ UO ₂ -ThO ₂ BMU Experiments -- Work For Others
<i>FY-2008</i>	
PU-MET-FAST-042	Plutonium Hemishells in Oil - Part II
IEU-COMP-THERM-006	Critical Experiments with BORAX-V Boiling and Superheater Fuel Assemblies
<i>FY-2009</i>	
PU-MET-FAST-043	Plutonium Hemishells in Oil - Part III
HEU-SOL-THERM-026	Aqueous Solutions of ²³⁵ U Poisoned With Raschig Rings
<i>FY-2010 and Beyond</i>	
IEU-COMP-THERM-007	Power Burst Facility – Water Moderated 18.5% Enriched Uranium Ternary Oxide Fuel Pin Lattice
LEU-COMP-THERM-071	Loss of Fluid Test Reactor – Water Moderated Array of 4% Enriched Uranium PWR Fuel Assemblies
Others	To Be Determined